

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(high adj pressure adj pumping adj cartridges).tl.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 14:43
S1	1	"6216573".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 08:28
S2	214	("1773629" "2648288" "2808302" "2885227" "20010002562" "20020050197" "20020176788" "20020177802" "20030009166" "20030040763" "20030055404" "20030083681" "20030125660" "20040228736" "20040230211" "20040234380" "20040243157" "3310283" "3456915" "3496874" "3583710" "3590813" "3620653" "3771907" "3818913" "3874826" "3930505" "3994208" "4009645" "4111490" "4116452" "4116952" "4137804" "4142524" "4155559" "4165084" "4196909" "4199307" "4214507" "4216906" "4267862" "4270440" "4270990" "4304531" "4336800" "4336946" "4381590" "4410322" "4435902" "4465438" "4479760" "4479761" "4479762" "4517977" "4521027" "4557725" "4560773" "4573883" "4601235" "4614481" "4635621" "4637551" "4657490" "4662829" "4690672" "4730550" "4735129" "4741678" "4743033" "4749337" "4754929" "4761039" "4776616" "4776769" "4795217" "4798339" "4798589" "4811902" "4813343" "4818190" "4827679" "4842584" "4853048" "4872813" "4896085" "4898574" "4898579" "4913698" "4921409" "4927411" "4932114" "4937985" "4940399" "4950238" "4958963" "5002316" "5006043" "5006050" "5011468" "5018670" "5027792" "5037431" "5052624" "5056992" "5074862" "5087056" "5092744" "5098262" "5111652" "5125582" "5133687" "5135482" "5154589" "5162016" "5171045" "5186615" "5195754" "5197955" "5201643" "5205779" "5211633" "5217465" "5230443" "5237309" "5250065" "5252044" "5259842" "5261883" "5281108" "5290245" "5314375" "5322504" "5339715" "5344292" "5364234" "5368452" "5370609" "5378126" "5392694" "5415528" "5429485" "5449369" "5464392" "5476368" "5480163" "5482297" "5490680" "5496267" "5505729" "5509911" "5511646" "5533879" "5540568" "5542918" "5554013" "5558646" "5562186" "5562692" "5568868" "5591184" "5607391" "5620414" "5626072" "5647852" "5667102" "5674226" "5711151" "5713878" "5735815" "5749885" "5842701" "5849023" "5865442" "5865992" "5871462" "5899915" "5941162" "5944686" "5960700" "6017354" "6027502" "6045564" "6066150" "6083189" "6085631" "6096001" "6142484" "6161834" "6216573" "6280302" "6322533" "6375635" "6402745" "6419654" "6423028" "6451017" "6464567" "6491660" "6508823" "6511493" "6544220" "6669710" "6899712" "6923792" "6960182" "RE24329").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 09:09
S3	150	S2 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 09:09
S4	23	("2381056" "2834299" "2990781" "3010403" "3082693" "3746476" "3754842" "3821922" "3953154" "4105369" "4153391" "4195970" "4466339" "4486151" "4507058" "4545735").PN. OR ("4614481").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 09:42
S5	2	("2004/0228736").URPN.	USPAT	OR	ON	2007/06/18 09:48
S6	124	("1889425" "1902418" "20010002562" "20020111579" "20020176788" "20030009166" "20030040763" "20030055404" "20030083681" "20030088259" "20030125660" "20040228736" "20040230211" "20040234380" "20040243157" "3565062" "3590813" "3818913" "3930505" "4024866" "4111490" "4137804" "4245624" "4282867" "4294251" "4368734" "4435902" "4560373" "4583531" "4637551" "4690672" "4694828" "4715848" "4735620" "4798339" "4827679" "4839492" "4898574" "4913698" "4935006" "4937985" "5002546" "5018670" "5027792" "5037431" "5052624" "5057098" "5074862" "5111652" "5125582" "5135482" "5135484" "5162016" "5186714" "5195958" "5205779" "5217465" "5230704" "5242449" "5250065" "5259842" "5300022" "5314375" "5318518" "5320599" "5322504" "5370609" "5395315" "5441482" "5449369" "5453088" "5454827" "5468028" "5476450" "5496267" "5505729" "5524821" "5527330" "5551448" "5556406" "5562640" "5562692" "5591184" "5607391" "5620414" "5643299" "5674226" "5697281" "5709697" "5713849" "5713851" "5713878" "5735815" "5782795" "5785675" "5788667" "5792167" "5853384" "5871462" "5944686" "5947988" "6045564" "6066150" "6083189" "6096001" "6099514" "6135977" "6149622" "6216573" "6280302" "6322533" "6375635" "6402715" "6419654" "6423028" "6451017" "6464567" "6491660" "6508823" "6511493").PN. OR ("6544220" "6669710").PN. OR ("7122017").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 09:49
S7	0	29/888.020.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 09:51
S8	327	29/888.02.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 11:20
S9	168	29/888.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 12:08
S10	7	("4553059" "4821726" "4941612" "5143291" "5143301" "5188073" "5915626").PN. OR ("7036198").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 11:29
S11	16	("4555872" "5018317" "5144766" "5155946" "5335459" "5551909" "5626508" "5643058" "5851139").PN. OR ("6464567").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 12:00
S12	18	("3068563" "4546692").PN. OR ("5076148").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 12:06
S13	613	604/247.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 12:47
S14	86	S13 and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 12:52
S15	481	604/249.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 12:53
S16	77	S15 and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:05

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S17	498	604/27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:05
S18	217	S17 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:24
S19	903	451/38.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:26
S20	180	S19 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:27
S21	31	S20 and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:29
S22	4232	451/41.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:29
S23	67	S22 and piston and pump	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:43
S24	176	417/92.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:53
S25	9347	driveshaft	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:45
S26	0	S24 and driveshaft	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:45
S27	12	"I123" and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 13:45
S28	140	417/93.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 14:27
S29	988	(water adj gun)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 14:27
S30	172	(water adj gun).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 14:27
S31	6	("4878815" "5033940" "5636975" "5765465" "6491882" "6886832").PN. OR ("7182016").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 15:43
S32	539	417/559.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 16:40
S33	114	417/560.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 08:09
S34	225	417/459.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 08:09
S35	34	S34 and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 08:42
S36	774	417/539.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:06
S37	288	S36 and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 09:30
S38	191	S34 not S35	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 08:42
S39	492	422/295.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 09:55
S40	47	S39 and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 09:57
S41	498	604/27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 09:57
S42	217	S41 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 09:58

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S43	1581	pump and driveshaft and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 10:09
S44	7	S43 and sterile	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 10:09
S45	98837	pump and motor and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 10:09
S46	1328	S45 and sterile	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 10:21
S48	4	("6216573" "5944686" "6375635" "6511493").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 10:22
S49	158	("1889425" "1902418" "2937444" "3128079" "3210848" "3578872" "3590813" "3731384" "3731385" "3818913" "3835858" "3906954" "3930505" "3976077" "3994208" "4009645" "4024866" "4061146" "4111490" "4116452" "4196909" "4214507" "4229139" "4235595" "4245624" "4267862" "4270440" "4281590" "4282867" "4294251" "4368734" "4435902" "4517977" "4560373" "4583531" "4589412" "4601235" "4631052" "4637551" "4690140" "4690672" "4694828" "4715848" "4729763" "4730550" "4735129" "4735604" "4735620" "4747821" "4749376" "4790813" "4798339" "4813343" "4815462" "4827615" "4827679" "4842578" "4898574" "4898579" "4913698" "4935006" "4937985" "4940399" "4986807" "5002546" "5018760" "5037431" "5042984" "5052624" "5057098" "5074862" "5097849" "5114399" "5125582" "5135482" "5135484" "5162016" "5195958" "5205779" "5217465" "5230704" "5242449" "5250065" "5259842" "5300022" "5314375" "5318518" "5320599" "5322504" "5339799" "5350390" "5364395" "5370609" "5374401" "5395315" "5409376" "5423752" "5441482" "5449369" "5453088" "5454827" "5468028" "5476450" "5496267" "5505729" "5511464" "5512044" "5524821" "5527330" "5527331" "5533879" "5536242" "5551448" "5556406" "5562186" "5562640" "5562692" "5591184" "5607391" "5620414" "5626072" "5643299" "5674226" "5697281" "5709697".PN. OR ("5711151" "5713849" "5713851" "5735815" "5779713" "5785675" "5788667" "5803733" "5810809" "5849023" "5853384" "5865442" "5871462" "5899915" "5904681" "5927976" "5941162" "5941876" "5941893" "5944686" "5960700" "6085631" "6099514" "6216573").PN. OR ("6511493").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 10:53
S50	64	S49 and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 10:53
S51	47	S50 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 10:53
S52	104	("1889425" "3208145" "3515130" "3735751" "3818913" "3851643" "3930505" "3994297" "4018623" "4024866" "4149315" "4215476" "4248589" "4278078" "4294251" "4365752" "4397640" "4465470" "4468216" "4519385" "4534340" "4553957" "4560373" "4570632" "4573979" "4578058" "4578059" "4583531" "4652255" "4655197" "4669453" "4692140" "4694828" "4705500" "4744360" "4764165" "4817599" "4825865" "4857047" "4872837" "4898574" "4904238" "4908015" "4909249" "4913698" "4921477" "4935006" "4944726" "4959063" "5024615" "5037431" "5037432" "5046486" "5057098" "5061180" "5098387" "5112339" "5135482" "5195958").PN. OR ("5674226").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 12:01
S53	1770	604/22.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 12:12
S54	114	604/38.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 12:12
S55	566	S53 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:36
S56	1770	604/22.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:36
S57	566	S56 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:36
S58	2	S57 and driveshaft	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:36
S59	226	S57 and motor	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:37
S60	26	S59 and check	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:39
S61	9	S60 and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:40
S62	754	604/35.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:04
S63	82	S62 and piston and pump	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:47

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S64	4227	piston and pump and ((retain\$3 or lock\$3) adj pin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:48
S65	2653	S64 and motor	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 16:57
S66	140	("0007227" "0020350" "0000462" "0066546" "0084845" "0091727" "0132243" "0089228" "2933259" "3355766 "3394659" "0034197" "3507584" "3693884" "3696884" "3734635" "3811601" "3938492" "3963151" "400471 5" "4077180" "4116766" "4168942" "4239462" "4258862" "4312630" "4339840" "4377894" "4386483" "44086 99" "4513190" "4572103" "4584964" "4610377" "4705218" "4705611" "4785996" "4803124" "4836422" "4859 073" "4917274" "4919204" "4941428" "4969602" "5106291" "5130710" "5161427" "5176803" "5177901" "526 5773" "5348453" "5407101" "5452824" "5535919" "5553742" "5564606" "5567300" "5699934" "5765730" "57 85068" "5795390" "5819983" "5823747" "5833851" "5837892" "5886494" "5903125" "5904377" "5918648" "5 925187" "5927560" "5931355" "5947022" "5947509" "5957343" "5971227" "5984147" "5985029" "5985216" "5 992688" "5992698" "5995788" "6511301" "6851923" "6892959" "6007631" "6007661" "6017392" "6025689" " 6068202" "6082289" "6085943" "6093251" "6112588" "6119895" "6126039" "6157157" "6196521" "6199566" "6206964" "6207220" "6214117" "6216917" "6224671" "6224675" "6234358" "6253957" "6253972" "6257444 " "6258165" "6322854" "6324973" "6354471" "6371339" "6378737" "6383292" "6386396" "6391378" "639533 4" "6412328" "6453810" "6511301" "6514569" "6540832" "6541063" "6562406" "6619198" "6626097").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 17:22
S67	132	S65 and pump.tl.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 17:26
S68	302	S65 and pump.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 17:22
S69	18	("3355766" "4377894" "4572103" "4584964" "4859073" "4941428" "5161427" "5452824" "5564606" "5819983" "5833851" "5984147" "6085943" "6234358" "6257444" "RE34197").PN. OR ("6851923").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 17:32
S70	4	sterilizing.ab. and pump.ab. and assembly.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 17:34
S71	0	steriliz\$3.ab. and pump.ab. and assembly.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 17:34
S72	11	steriliz\$3.ab. and pump.ab. and assembly.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/19 17:34
S73	3094	piston and cylinder and water and medical	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 08:30
S74	2185	S73 and (retain\$3 or lock\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 08:31
S76	123	S73 and (retain\$3 or lock\$3).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 08:31
S77	0	(128/305 128/303.1 128/317).ccds.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:05
S78	0	(128/305).ccds.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:05
S79	655	417/567.ccds.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:42
S80	15116	pump and cartridge and (drive or driveshaft)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:43
S81	1899	S80 and pump.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:43
S82	415	(pump and cartridge).ab. and (drive or driveshaft)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 13:40
S83	36	("2498672" "3335724" "3543752" "3731679" "3901231" "3985133").PN. OR ("4067332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 09:50
S84	37	("2662478" "3030892" "3131638" "3807906" "4303376" "4479761" "4573883" "4639245" "4818186" "4881876" "4898584" "4903655" "4934902" "4979760" "5062776" "5074757" "5171134" "5188515").PN. OR ("5476368").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 10:40
S85	43	("1868701" "2563636" "3311265" "3323682" "3390814" "3568885" "3570719" "3768472" "3964644" "4113151" "4201318" "4376498" "4471888" "4566610" "4826050" "4869400" "4871088" "4878601" "4907727" "4911328" "4913553" "4934827" "4976372" "5005735" "5015233" "5020693" "5064098").PN. OR ("5203839").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 10:55
S86	129	S82 and (lock or locking)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:01
S87	17	("2702547" "3253592" "3291128" "3323682" "3967759" "3986645" "4057050" "4185628" "4673396" "4869403 "4890627" "5238003" "5499751").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:05

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S88	6522	(pump and (lock or retaining component)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:07
S89	3153331	pump.ab. and retaining component	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:06
S90	474	S88 and medical	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:06
S92	255	pump and retaining adj component	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:10
S93	64	S92 and piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:11
S94	263	pump and piston and (lock\$3 adj pin) and pump.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:26
S95	21	S94 and cartridge	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:26
S96	1	"6378737".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 11:57
S97	40	("1184779" "1252875" "1699236" "2274241" "2410517" "3337096" "3586129" "3893627" "3921865" "4043711" "4572103" "4645431" "4646969" "4708269" "4848606" "4869404" "4892228" "4967933" "4974755" "5044900" "5052338" "5110615" "5320250" "5465879" "5505777" "5666325" "5957343" "6085943").PN. OR ("6378737").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 12:05
S98	2	"2702547".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 12:16
S99	34	("2702547").URPN.	USPAT	OR	ON	2007/06/20 12:18
S100	88	("0361750" "2475939" "2702547" "2734504" "3155090" "3631847" "3993065" "4153056" "4231368" "4270537" "4333459" "4370982" "4457712").PN. OR ("4583974").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/20 12:49